

London Nature; and Society of Antiquaries; State Board of Health, Mass.; American Journal S. and A., New Haven; American Journal of Pharmacy; Medical News and Library; Penn Monthly; Board of Com. of Pub. Charities, Harrisburg; and Mr. J. E. Nourse, Washington.

Mr. Whitman reported progress for the Committee charged with estimating the cost of publishing Dr. Allen's paper.

On motion, the committee was continued.

Prof. Chase read a note on Cosmical Evolution.

Mr. W. E. Dubois communicated through the Secretary the results of an extended examination recently made in and for the Assay Department of the Mint at Philadelphia, of the practicability of assaying metals used in coinage by the spectrum apparatus. The paper was read and the drawings of the apparatus and spectra exhibited, and on motion, it was referred to the Secretaries, with power to publish the same with proper illustrations.

Mr. J. W. Harden exhibited a model of a part of Big Sewell Mountain, Fayette Co., West Virginia, showing the number and position of the coal beds and limestones beds on the lands of the Langdale Coal and Iron Co., on the Kanawha River and Chesapeake and Ohio R. R. In the absence of Mr. Harden on account of illness, the Secretary explained the model and associated maps and sections, giving a description of the general geology of the lower coal measures in Virginia.

Pending nominations Nos. 753, 754, 755, 756 were read.

And the meeting was adjourned.

Stated Meeting, June 19th, 1874.

Present, 9 members.

DR. RUSCHENBERGER, in the chair.

Photographs for the Album were received, of Mr. F. Rogers, and of Senator Sumner.

A letter was received announcing the removal of the Société des Sciences Naturelles from Strasbourg to Nancy.

A letter was received from M. T. Leorgre, informing the Society of his election to succeed M. Quetelet, as Secretary of the Royal Belgian Academy.

Letters of acknowledgment were received from the N. H. S. at Zurich, (87), Aug. 20, 1873; the Royal Society at Edinburgh, (89), Dec., 1873; the Victoria Institute, London, June 5, (Proc. 13 Vols. and 1 part); and Smithsonian Institution. (XV, i.)

Letters of envoy were received from the Central Physical Observatory at St. Petersburg, April, 1874; Natural History Society, Zurich, Aug. 20, 1873; Victoria Institute, London, June 5, 1874; Department of State, U. S., Washington, May 23, 1874; and Coast Survey Office, Washington, May, 1874.

Donations for the Library were received from Mr. B. S. Lyman, Chief Geologist of Japan; Royal Prussian Academy, and Horticultural Society at Berlin; Natural History Society, Zurich; Société des Sciences, Nancy (Strasbourg); Flora Batava at Leyden; Royal Academy, Brussels; M. L. G. DeKoninck; Holland Society of Sciences, Harlem; Geographical Society, Anthropological Society, and Revue Politique, at Paris; Royal Observatory, and Royal Academy of Science, at Turin; Royal Institution, Royal Geographical Society, Royal Astronomical Society, and London Nature; Mr. Alex. J. Ellis, F.R.S.; Royal Society, Edinburgh; Essex Institute, Salem; American Academy of Arts and Sciences, and Natural History Society, Boston; Museum of Comparative Zoology, Cambridge; Anderson School of Natural History, Penekese; Rhode Island Society for the Encouragement of Domestic Industry, Providence; American Journal of Science and Arts, Prof. Jas. Hall, Academy of Natural Sciences, Historical Society, Franklin Institute, Journal of Pharmacy, Penn Monthly, American Chemist, Medical News and Library, Woman's Medical College, Water Department, Mr. E. D. Cope, Mr. H. C. Carey, and Mr. Isaac Lea, Philadelphia; Mr. T. J. Bingham, Harrisburg; Com-

mission for attending to Observations on the Transit of Venus; Engineer and War Departments, Washington.

The Committee to which was referred the cost of publishing the illustrations to Dr. Allen's Memoir, reported that it would cost \$400. On motion an appropriation of \$400 was ordered for that purpose.

Prof. Chase communicated two brief notes entitled—

1. On Rainfall in cyclonic years of Jupiter, at Greenwich, Philadelphia, Lisbon, San Francisco and Barbadoes.

2. On the Lunar Cyclical Rainfall at Barbadoes, for 27 years.

Pending nominations Nos. 753, 754, 755, 756 were read, and the Society was adjourned.

Stated Meeting, July 17th, 1874.

Present, 8 members.

Vice-President, FREDERICK FRALEY, in the Chair.

A letter from Dr. DaCosta, requesting the completion of his set of the Proceedings was read, and referred to the Committee on Publication, with power to take order.

Donations for the Library were received from the Royal Society of Tasmania; the Imperial Russian Academy, the Central Physical Observatory, the Natural History Society, at Riga; the Imperial Academy, Geological Institute, and Zoologico - Botanical Society, at Vienna; the Imperial Academy, German Geological Society, and Physical Society, at Berlin; the Societies at Bremen, Frankfort and Offenbach, the Hague, Lausanne and Bordeaux; the Musée Teyler; the Royal Academy, at Bruxell; the Academy of Medicine, Ecole des Mines, National Society of Antiquaries, and Revue Politique, at Paris; Mr. H. S. Munroe, of Yeddo; the Geographical Society of Mexico; the Royal Astronomical Society, Meteorological Committee, and Nature, in London; the Victoria Institute; the Philosophical and Literary So-